

Please Retype on Engineering Firm Letterhead

(Date)

Attn: (Inspector)
Department of Environmental Engineering
P. O. Box 40
Chesterfield, Virginia 23832

Dear _____:
(Inspector)

RE: _____ ***SWM/BMP Certification***
(Site or Subdivision)

The referenced SWM/BMP facility was field verified by _____ for
compliance with the approved plan as follows:
(Engineer/Surveyor)

- A. Design-Water Quality Volume _____ @ Elevation _____
Design-Stormwater Volume _____ @ Elevation _____
Field-Water Quality Volume _____ @ Elevation _____
Field-Stormwater Volume _____ @ Elevation _____
- B. Riser Crest, Design: Field:
Elevation _____ Elevation _____
Size _____ Size _____
Material _____ Material _____
- C. Antivortex/Trash, Rack Design Elevation _____ Size _____
Field Elevation _____ Size _____
- D. Outlet Pipe Barrel, Size _____ Material _____
Design Elevation: Field Elevation:
Invert-In _____ Invert-In _____
Invert-Out _____ Invert-Out _____
Length _____ Length _____
- E. Emergency Spillway, Design: Field:
Elevation _____ Elevation _____
Dimensions _____ Dimensions _____
Material _____ Material _____
- F. Top of Dam, Design Elevation _____
Field Elevation _____
- G. Weir, Design: Field:
Elevation _____ Elevation _____
Dimensions _____ Dimensions _____
Material _____ Material _____
- H. Bottom Elevation, Design Elevation _____
Field Elevation _____
- I. Side Slopes, Design Slopes _____
Field Slopes _____

J. Extended Detention Riser:

Design:

Holes _____

Size _____

Field:

Holes _____

Size _____

Gravel Cone _____

Filter Cloth _____

K. Dam Slopes, Design Slopes _____

Field Slopes _____

L. Wet Marshy Bottom:

Design Volume _____

Field Volume _____

Average Depth _____

M. All geotechnical/structural aspects of the dam are in accordance with standard engineering and construction practices and are consistent with the approved plans with respect to/as applicable (yes or n/a).

1. water tight connection between
riser and pipe barrel _____

2. anti-seep collars _____

3. % compaction _____

4. clay core _____

5. seepage drains _____

6. o-ring pipe _____

7. pond holding water (wet pond only) _____

N. Alternative BMP: _____

O. SWM/BMP Easement, Deed Book: _____, Page Number: _____, Date: _____

P. Additional comments, if any: _____

Based on the above field verified information which confirms that the items were installed per the approved plans dated _____ with revisions dated _____, I certify that the construction of the dam and its appurtenances comply with the approved plans, standard engineering and accepted construction practices, and the system will function as designed.

Signature and Stamp of
Licensed Engineer/Surveyor

c: Water Quality Inspector